

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for changing a routing path between a first data network (10) and a mobile station (16) attached to a second data network (12,14) said first data network (10) comprising at least one first network node (18), said second data network comprising at least a second network node (24) and a third network node (26), said routing path comprising before said change said first network node (18), said second network node (24) and said third network node (26), said routing path comprising after said change said first network node (18), and said third network node (26), said method comprising a step of transferring an information element from said second network node (24) to said third network node (26), wherein said information element comprises an identification element of said first network node (18).
2. (Currently Amended) A method according to claim 1, wherein said information element is transferred directly from said second network node (24) to said third network node (26).
3. (Currently Amended) A method according to claim 1, wherein said information element is transferred from said second network node (24) to at least one fourth network node (20) in said first data network (10) and then from said fourth network node (20) to said third network node (26).
4. (Currently Amended) A method according to claim 1, wherein said information element is transferred from said second network node (24) to at least one fourth network node (20) in said first data network (10), then from said fourth network node (20) to a fifth network node (22) in said first data network, and then from said fifth network node to the third network node (26).

5. (Currently Amended) A method according to claim 4, wherein said fourth network node (20) in said first data network (10) has a serving-network-node function for said second network node (24) before said change, and said fifth network node (22) in said first data network has a serving-network-node function for said third network node (26) after said change.
6. (Currently Amended) A method according to claim 4 ~~or 5~~, wherein said first network node (18) is related to a packet-switched domain of said first network and said fourth network node (20) is related to a circuit-switched domain of said first network (10), or vice versa.
7. (Currently Amended) A method according to claim 1 ~~any one of the preceding claims~~, wherein said second network node (24) has a serving-network-node function in said second data network (12,14) for said mobile station (16) before said change, and said third network node (26) has said serving-network-node function in said second data network for said mobile station after said change.
8. (Currently Amended) A method according to claim 7, wherein said third network node (26) has a drift-network-node function before said change.
9. (Currently Amended) A method according to claim 4 ~~any one of the preceding claims~~ wherein a plurality of first (18) ~~and/or~~ and fourth (20) ~~and/or~~ and fifth nodes (22) communicates in parallel with said second network node (24) before said change, and with said third network node (26) after said change.
10. (Currently Amended) A method according to claim 1 ~~any one of the preceding claims~~, comprising a further step of saving said information element or said identification element to a data storage device communicating with said second network node (24) before said step of

transferring said information element to said third network node (26).

11. (Currently Amended) A method according to claim 1 ~~any one of the preceding claims~~, comprising a further step of saving said information element or said identification element to a data storage device communicating with said third network node (26) after said step of transferring said information element to said third network node.

12. (Currently Amended) A method according to claim 1 ~~any one of the preceding claims~~ wherein said second data network (12,14) is a ~~radio data network~~ Radio Data Network (RDA).

13. (Currently Amended) A method according to claim 1 ~~any one of the preceding claims~~ wherein said second data network comprises a Global System for Mobile Communications (GSM), Enhanced Data Rates for GSM Evolution Radio Access Network (GERAN) (12) and/or a Universal Terrestrial Radio Access Network (UTRAN).

14. (Currently Amended) A method according to the ~~first alternative of~~ claim 13, wherein said second network node (24) is related to said GERAN and said third network node (26) is related to said UTRAN, or ~~vice versa~~ said second network node is related to said UTRAN and said third network node is related to said GERAN.

15. (Currently Amended) A method according to claim 2 ~~and any further one of the preceding claims~~ wherein said identification element of said first network node (18) is included in a "FORWARD SRNS CONTEXT" message sent from said second network node (24) to said third network node (26).

16. (Currently Amended) A method according to claim 3 ~~or 4, and any further one of the preceding claims~~, wherein said identification element of said first network node (18) is included

in a "RELOCATION REQUIRED" message transferred from said second network node (24) to said fourth or fifth network node (20,22), respectively, and is further included in a "RELOCATION REQUEST" message transferred from said first or fourth network node (20) or fifth network node (22), respectively, to said third network node (26).

17. (Currently Amended) Use of a method according to claim 1 ~~any one of the preceding claims~~ for routing response data answering request data from said mobile station (16) to said first network node (18), said request data originating at said first network node (18) in said first data network (10), said request data having been routed along said routing path before said change, said response data being routed along said routing path after said change.

18. (Currently Amended) Use A method according to claim 17, wherein the request data comprise a paging request message and the response data comprise a paging response message.

19. (Currently Amended) Use A method according to ~~claims claim~~ claim 8,12 and 17, wherein said first network node (18) and said third network node (26) are related in common to a packet-switched network domain or to a circuit-switched network domain.

20. (Currently Amended) Use according to ~~claims claim~~ claim 12 and 17, wherein the paging request message comprises an International Mobile Subscriber Identity (IMSI) of the mobile station.

21. (Currently Amended) A data network system (12) comprising first data network (10) with at least a first network node (18) and a second data network (12) with at least a second network node (24) and a third network node (26) said second network node (24) being adapted to control a connection between a mobile station (16) and said first network node (18), said connection being routed through said second network node (24), said third network node (26)

communicating with said second network node (24) and said mobile station (16), and being adapted to either allocate at least one communication channel between said mobile station (16) and said third network node (26) for said connection under the control of said second network node (24), or, upon a transfer of control data relating to said connection from said second network node (24) to said third network node (26), control said connection independently from said first network device (24), wherein said second network node (24) is additionally adapted to transfer an identification element related to said first network node (18) in said second data network (10) from said second network node (24) to said third network node (26).

22. (Currently Amended) A data network system according to claim 21, wherein the second network node is adapted to transfer said information element directly to said third network node (24).

23. (Currently Amended) A network system according to claim 21 ~~or 22~~, further comprising a fourth network node (20) in said first data network, wherein said second network node (24) is adapted to transfer said information element to said fourth network node (20) and said fourth network node is adapted to transfer said information element to said third network node (26).

24. (Currently Amended) A network system according to claim 23, further comprising a fifth network node (22) in said first data network, wherein said fourth network node (20) is adapted to forward said received identification element to said fifth network node (22), and said fifth network node is adapted to forwarding said identification element to said third network node (26).

25. (Currently Amended) A network system according to claim 21 ~~any of the preceding claims~~, wherein said second network node communicates with a storage device and is adapted to save said identification element in said storage device.

26. (Currently Amended) A network system according to claim 21 ~~any of the preceding claims~~, wherein said third network node ~~(26)~~ communicates with a storage device and is adapted to save said identification element in said storage device.

27. (Currently Amended) A network system according to claim 21 ~~any of the preceding claims~~, wherein said first data network is a core network and said second data network is a ~~radio access network~~ Radio Access Network (RAN).

28. (Currently Amended) A network system according to claim 27, wherein said second data network comprises a GERAN ~~(12)~~ ~~and/or~~ and a UTRAN.

29. (Currently Amended) A network system according to claim 27, wherein said second network node ~~(24)~~ is related to said GERAN and said third network node ~~(26)~~ is related to said UTRAN, or ~~vice versa~~ said second network node is related to said UTRAN and said third network node is related to said GERAN.

30. (Currently Amended) A network system according to claim 24 ~~any of the preceding claims~~ wherein a plurality of first ~~(18)~~ and/or fourth ~~(20)~~ and/or fifth nodes ~~(22)~~ communicates in parallel with said second network node ~~(24)~~ and/or with said third network node ~~(26)~~.

31. (Currently Amended) A network system according to claim 21 ~~any of the preceding claims~~, wherein said first network node ~~(18)~~ is an Mobile-services Switching Center (MSC), ~~and/or~~ and said second and third network nodes each are either a Radio Network Controller (RNC) or a Base Station Controller (BSC), ~~and/or~~ and said forth and fifth network nodes are SGSNs.

32. (Original) A network device for operation in a radio data network, adapted to establish, maintain and release a connection between a mobile station attached to the radio data network and a second network device in a second data network, and transfer control data to a third network device operating in said radio data network, said control data serving to establish or maintain a connection between said mobile station and said second network device, wherein said network device is additionally adapted to transfer to said third network device an identification element related to said second network device.